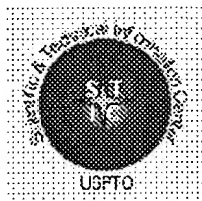


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The subject matter is producing or generating pressure changes in the mouth of a mammal by applying vacuum to the mouth during the inhalation cycle of a breathing cycle and also inducing positive or atmospheric pressure in the mouth during the exhalation cycle of the breathing cycle.

Key Words: pressure, vacuum, positive pressure, mouth, oral cavity, throat, mammal/animal, sensor, controller/processor/microprocessor/cpu/computer

Please note this is a reissue case and therefore the previous patent is to US 5,970,976

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STIC Search Report

EIC 3700

STIC Database Tracking Number: 116272

TO: Mital Patel
Location: pk1 11c57
Art Unit: 3743

Case Serial Number: 09/982276

From: Jeanne Horrigan
Location: EIC 3700
CP2-2C08
Phone: 305-5934

jeanne.horrigan@uspto.gov

Search Notes

Attached are the search results for the apparatus and method for producing pressure changes in the throat/oral cavity, including prior art searches in foreign and international patent databases; and medical device and general sci/tech non-patent literature databases.

Although I tagged the items that seemed most relevant to me, I recommend that you review all of the results.

Also attached is a search feedback form. Completion of the form is voluntary. Your completing this form would help us improve our search services.

I hope the attached information is useful. Please feel free to contact me (phone 305-5934 or email jeanne.horrigan@uspto.gov) if you have any questions or need additional searching on this application.

Solomon, Terrance

From: Unknown@Unknown.com
Sent: Monday, March 08, 2004 2:10 PM
To: STIC-EIC3700
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= 116 272

LogNumber= _____

Searcher= _____

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MyDate=Mon Mar 8 14:08:21 EST 2004

submitto=STIC-EIC3700@uspto.gov

Name=Mital Patel

Empno=77789

Phone=703-306-5444

Artunit=3743

Office=CPK1-11C57

Serialnum=09/982276

PatClass=~~128/204.18, 204.23, 204.21, 204.22~~, 200.24, 202.16, 205.19; 600/529, 543

Earliest=3/31/98

Format1=paper

Searchtopic=The subject matter is producing or generating pressure changes in the mouth of a mammal by applying vacuum to the mouth during the inhalation cycle of a breathing cycle and also inducing positive or atmospheric pressure in the mouth during the exhalation cycle of the breathing cycle.

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Please note this is a reissue case and therefore the previous patent is to US 5,970,976

Comments=The best way to reach me is via email. Thank you.

send=SEND

Searcher: *Jeanne Horrigan*



STIC Search Results Feedback Form

EIC 3700

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

John Sims, EIC 3700 Team Leader
308-4836, CP2-2C08

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles; conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

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